

WHAT IS CLAIMED IS:

1. A reflecting layer comprising:
Ag as a main component;
5 a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru; and
a 0.1-3.0 wt% second element selected from the group consisting of Cu, Ti, Cr, Ta, Mo, Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is different from the first
10 element.
2. The reflecting layer according to claim 1, wherein the reflecting layer is formed by deposition.
- 15 3. The reflecting layer according to claim 1, wherein the reflecting layer is formed by sputtering.
4. A laminate comprising:
a substrate; and
20 a reflecting layer deposited on the substrate,
wherein the reflecting layer includes Ag as a main component, a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru, and a 0.1-3.0 wt%
second element selected from the group consisting of Cu,
25 Ti, Cr, Ta, Mo, Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is different from the first element.
5. The laminate according to claim 4, wherein the substrate is a resin substrate.
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6. The laminate according to claim 4, wherein the substrate is a glass substrate.
7. A laminate comprising:
35 a substrate;

a base film deposited on the substrate, wherein the base film is made of at least one of Si, Ta, Ti, Mo, Cr, Al, ITO, ZnO₂, SiO₂, TiO₂, Ta₂O₅, ZrO₂, In₂O₃, SnO₂, Nb₂O₅, or MgO; and

5 an Ag-containing reflecting layer deposited on the base film.

8. The laminate according to claim 7, wherein the reflecting layer includes pure Ag or binary Ag alloy.

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9. The laminate according to claim 7, wherein the reflecting layer includes Ag as a main component, a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru, and a 0.1-3.0 wt% second element
15 selected from the group consisting of Cu, Ti, Cr, Ta, Mo, Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is different from the first element.

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10. The laminate according to claim 7 further comprising a coating layer/ deposited on the reflecting layer, wherein the coating layer includes In₂O₃ as a main component and at least one of SnO₂, Nb₂O₅, SiO₂, MgO and Ta₂O₅.

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11. The laminate according to claim 7, wherein the substrate is a glass substrate.

12. The laminate according to claim 7, wherein the base film is made of at least one of Si, Ta, Ti, Mo, Cr, or Al.

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13. The laminate according to claim 7, wherein the base film is made of at least one of ITO, ZnO₂, SiO₂, TiO₂, Ta₂O₅, ZrO₂, In₂O₃, SnO₂, Nb₂O₅, or MgO.

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14. The laminate according to claim 13, wherein the substrate is a resin substrate.

15. A laminate comprising:

an Ag-containing reflecting layer; and

a coating layer deposited on the reflecting layer,

5 wherein the coating layer includes In_2O_3 as a main component and at least one of SnO_2 , Nb_2O_5 , SiO_2 , MgO , and Ta_2O_5 .

16. The laminate according to claim 15, wherein the

10 reflecting layer includes pure Ag or binary Ag alloy.

17. The laminate according to claim 15, wherein the

reflecting layer includes Ag as a main component, a 0.1-

3.0 wt% first element selected from the group consisting

15 of Au, Pd, and Ru, and a 0.1-3.0 wt% second element

selected from the group consisting of Cu, Ti, Cr, Ta, Mo,

Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is

different from the first element.

20 18. The laminate according to claim 4, wherein the

laminate is building glass or a reflector or a reflective

wiring electrode for a liquid crystal display device.

19. The laminate according to claim 7, wherein the

25 laminate is building glass or a reflector or a reflective

wiring electrode for a liquid crystal display device.

20. The laminate according to claim 10, wherein the

laminate is building glass or a reflector or a reflective

30 wiring electrode for a liquid crystal display device.

21. The laminate according to claim 15, wherein the

laminate is building glass or a reflector or a reflective

wiring electrode for a liquid crystal display device.

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22. A liquid crystal display device comprising a reflecting layer, wherein the reflecting layer includes Ag as a main component, a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru, and a 0.1-3.0 wt% second element selected from the group consisting of Cu, Ti, Cr, Ta, Mo, Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is different from the first element.

23. A liquid crystal display device comprising a laminate, wherein the laminate includes a substrate, a base film deposited on the substrate, and an Ag-containing reflecting layer deposited on the base film, wherein the base film is made of at least one of Si, Ta, Ti, Mo, Cr, Al, ITO, ZnO₂, SiO₂, TiO₂, Ta₂O₅, ZrO₂, In₂O₃, SnO₂, Nb₂O₅, or MgO.

24. The liquid crystal display device according claim 23, wherein the laminate further includes a coating layer deposited on the reflecting layer, wherein the coating layer includes In₂O₃ as a main component and at least one of SnO₂, Nb₂O₅, SiO₂, MgO and Ta₂O₅.

25. A liquid crystal display device comprising a laminate, wherein the laminate includes an Ag-containing reflecting layer and a coating layer deposited on the reflecting layer, wherein the coating layer includes In₂O₃ as a main component and at least one of SnO₂, Nb₂O₅, SiO₂, MgO, and Ta₂O₅.

26. A portable terminal device comprising a liquid crystal display device having a reflecting layer, wherein the reflecting layer includes Ag as a main component, a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru, and a 0.1-3.0 wt% second element selected from the group consisting of Cu, Ti, Cr, Ta, Mo,

Ni, Al, Nb, Au, Pd, and Ru, wherein the second element is different from the first element.

27. A portable terminal device comprising a liquid crystal
5 display device having a laminate, wherein the laminate
includes a substrate, a base film deposited on the
substrate, and an Ag-containing reflecting layer deposited
on the base film, wherein the base film is made of at
least one of Si, Ta, Ti, Mo, Cr, Al, ITO, ZnO₂, SiO₂, TiO₂,
10 Ta₂O₅, ZrO₂, In₂O₃, SnO₂, Nb₂O₅, or MgO.

28. The portable terminal device according claim 27,
wherein the laminate further includes a coating layer
deposited on the reflecting layer, wherein the coating
15 layer includes In₂O₃ as a main component and at least one
of SnO₂, Nb₂O₅, SiO₂, MgO and Ta₂O₅.

29. A portable terminal device comprising a liquid crystal
display device having a laminate, wherein the laminate
20 includes an Ag-containing reflecting layer and a coating
layer deposited on the reflecting layer, wherein the
coating layer includes In₂O₃ as a main component and at
least one of SnO₂, Nb₂O₅, SiO₂, MgO, and Ta₂O₅.